



PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Collins et al.

Docket No: 20206-126 (PT-TA410-4)

Reexamination Control No.: 90/005,733

Examiner: Seals, J.

Ordered: May 18, 2000

Group Art Unit: 2131

Patent No: 5,848,159

Issue Date: December 8, 1998

For: PUBLIC KEY CRYPTOGRAPHIC APPARATUS AND METHOD

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Commissioner for Patents

Washington, D.C. 20231

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INFORMATION DISCLOSURE STATEMENT

Applicants submit herewith the references listed on the attached form PTO-1449 of which Applicants are aware and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), nor as an admission that the information cited is, or is considered to be, material to patentability, nor an admission that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner.

If fee is due under 37CFR 1.17(p) the Commissioner is hereby authorized to charge deposit account number 02-3964.

Respectfully submitted,

Date: Sept. 10, 2002

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Reg. No: 43,918

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CERTIFICATE OF MAILING (CFR 37.1.8(a))

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By:   
Donna B. Rose

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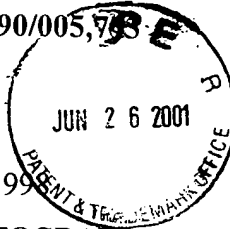
Reexamination Control No. 90/005,763

Inventors: Collins et al.

Patent No. 5,848,159

Issued: December 8, 1999

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By: W. Evelyn Moran

Attorney Docket No. 20206-126  
(PT-TA410US-4)

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HOUSEKEEPING SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Submitted herewith are references listed on the attached form PTO-1449 of which Patentees and Reexamination Applicants are aware and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), nor as an admission that the information cited is, or is considered to be, material to patentability, nor an admission that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

DATE: June 22, 2001

Respectfully submitted,

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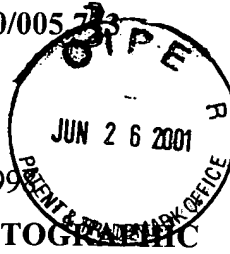
Reexamination Control No. 90/005 23

Inventors: Collins et al.

Patent No. 5,848,159

Issued: December 8, 1999

For: **PUBLIC KEY CRYPTOGRAPHIC  
APPARATUS AND METHOD**



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By: Evelyn Moran

Attorney Docket No. 20206-126 (PT-TA410US-4)

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Filed herewith are:

- ☒ An Information Disclosure Statement, PTO-Form 1449, and copies of (2) cited references.
- ☒ A return postcard acknowledging receipt of the documents enumerated herein.

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- ☐ Please charge Deposit Account No. 02-3964 in the amount of \$\_\_\_\_\_.
- ☐ A duplicate copy of this sheet is enclosed for this purpose.
- ☒ The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required, or credit any overpayments to Deposit Account No. 02-3964.
- ☐ Payment by credit card. Form PTO-2038 is attached.

6/22/2001

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY DOCKET NO. 20206-126 (PT-TA410-4)	PATENT/REEXAM CONTROL NO. 5,848,159 90/005,733
	APPLICANT Collins et al.	
	FILING DATE May 18, 2000	GROUP 2131

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## U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	5,136,647	08/04/92	Haber et al.	380	49	08/02/90

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUBCLASS	TRANSLATION YES NO
	AH							
	AI							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AJ	Micali et al., "Accountable-Subgroup Multisignatures", CCS '01, Proceedings of the Eighth ACM Conference on Computer and Communications Security, @ACM 2001, August 15, 2001, pp. 1-18
	AK	Menezes et al., Handbook of Applied Cryptography, CRC Press, 1997, Chapter 8, "Public-Key Encryption", pp. 283-319
	AL	
	AM	
	AN	
	AO	
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	AT	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	